

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input type="checkbox"/> Declaration Submitted with Initial Filing <b>OR</b> <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	21640Y
	<b>First Named Inventor</b>	Kim, Peter S.
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**INHIBITORS OF CORONAVIRUS**

(Title of the Invention)

the specification of which

☒ bears the Attorney Docket Number and Title of the Invention noted above

☐ OR

☐ is attached hereto

☐ OR

☐ was filed on (MM/DD/YYYY) [ ] as United States Application Number or PCT International Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed?	
				YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Attorney Docket Number
60/479,430	06/18/2003	21430PV
60/479,429	06/18/2003	21429PV
60/478,860	06/16/2003	ITR0063PV
60/467,190	04/30/2003	21639PV

60/463,100

04/14/2003

21640PV

## DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known to me to be material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Application Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint, respectively and individually, as my attorney(s) or agent(s) with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

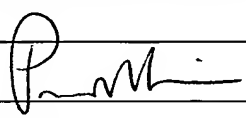
☐ Customer Number   
 OR  
☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Yang Xu	45,243	Jack L. Tribble	32,633

Direct all correspondence to: ☒ Customer Number

Name	Dr. Yang Xu				
Address	Merck & Co., Inc.				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732) 594-1307	Fax	(732) 594-4720

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])			Family Name or Surname		
Peter S.			Kim		
Inventor's Signature				Date	June 4, 2004
Residence: City	Bryn Mawr	State	PA	Country	US
				Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				
City	Rahway	State	NJ	ZIP	07065-0907

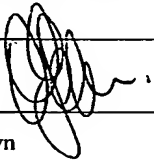
☒ Additional inventors are being named on the 2 supplemental Additional Inventors(s) sheet(s) PTO/SB/02A attached hereto.

**DECLARATION AND POWER OF ATTORNEY**

**ADDITIONAL INVENTOR(S)  
 Supplemental Sheet**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Debra				Eckert			
Inventor's Signature	<i>Debra Eckert</i>					Date	<i>Aug 18, 2004</i>
Residence: City	Salt Lake City	State	UT	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Antonello				Pessi			
Inventor's Signature						Date	
Residence: City	Roma	State		Country	IT	Citizenship	IT
Post Office Address	Istituto di Ricerche di Biologia Molecolare P. Angeletti S.p.A.						
City	Pomezia (Roma)	State	Italy	ZIP	00040		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Victor M.				Garsky			
Inventor's Signature	<i>Victor M. Garsky</i>					Date	<i>June 7, 2004</i>
Residence: City	Blue Bell	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Roger M.				Freidinger			
Inventor's Signature	<i>Roger M. Freidinger</i>					Date	<i>4 June 2004</i>
Residence: City	Lansdale	State	PA	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		

**DECLARATION AND POWER OF ATTORNEY****ADDITIONAL INVENTOR(S)  
Supplemental Sheet**

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])				Family Name or Surname					
Romas				Geleziunas					
Inventor's Signature					Date		6/7/04		
Residence: City		Doylestown		State PA		Country US		Citizenship CA	
Post Office Address		Merck & Co., Inc., P.O. Box 2000							
City		Rahway		State NJ		ZIP		07065-0907	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
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Inventor's Signature					Date				
Residence: City				State		Country		Citizenship	
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☐ Practitioners Associated with the Customer Number   
 OR  
☒ Registered practitioner(s) named below

Name	Registration Number	Name	Registration Number
Yang Xu	45,243	Jack L. Tribble	32,633

Direct all correspondence to: ☒ Customer Number

Name	Dr. Yang Xu				
Address	Merck & Co., Inc.				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732) 594-1307	Fax	(732) 594-4720


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Peter S.			Kim		
Inventor's Signature					Date
Residence: City	Bryn Mawr	State	PA	Country	US
Citizenship	US				
Mailing Address					
City	Rahway	State	NJ	ZIP	07065-0907
Country					

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Debra				Eckert			
Inventor's Signature				Date			
Residence: City		Salt Lake City		State UT		Country US	
Mailing Address							
City		Rahway		State NJ		ZIP 07065-0907	
Country							
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Antonello				Pessi			
Inventor's Signature				Date		August 26, 2004	
Residence: City		Roma		State		Country IT	
Mailing Address							
City		Pomezia (Roma)		State Italy		ZIP 00040	
Country							
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Victor M.				Garsky			
Inventor's Signature				Date			
Residence: City		Bluc Bell		State PA		Country US	
Mailing Address							
City		Rahway		State NJ		ZIP 07065-0907	
Country							
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Romas				Gelezianas			
Inventor's Signature				Date			
Residence: City		Doylestown		State PA		Country US	
Mailing Address							
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				Country			